

## **WHAT IS CLAIMED IS:**

1. A toy, comprising a driving mechanism mounted on a rope located at an overhead position, and including a power box, a suspension member, and a gear set, wherein:

5           the power box includes a housing, a transverse rod rotatably mounted in the housing, a drive gear secured on and rotated by the transverse rod, a shaft rotatably mounted in the housing, a first stepped gear secured on the shaft and meshing with the drive gear, an engaging gear secured on a side of the first stepped gear to rotate therewith, an upright shaft rotatably mounted in the  
10 housing, a first crown gear secured on a lower end of the upright shaft and meshing with the engaging gear of the first stepped gear, and a second crown gear secured on an upper end of the upright shaft;

          the suspension member is rotatably mounted on the power box; and

          the gear set is mounted in the suspension member and includes a first  
15 driven gear meshing with the second crown gear, a second driven gear meshing with the first driven gear, a second stepped gear meshing with the second driven gear, an actuating gear secured on a side of the second stepped gear to rotate therewith and engaged on the rope, a third driven gear meshing with the second stepped gear, a scrolling wheel secured on a side of the third driven  
20 gear and having a peripheral wall urged on the rope, so that the rope is clamped between the actuating gear of the second stepped gear and the scrolling wheel of the third driven gear.

2. The toy in accordance with claim 1, wherein the housing of the power box includes two casings combined with each other.

3. The toy in accordance with claim 1, wherein the power box further includes a motor mounted in the housing and having a shaft protruding  
5 outward from the housing, a first belt wheel secured on the shaft of the motor, a second belt wheel secured on a first end of the transverse rod for rotating the transverse rod, and a belt mounted on the first belt wheel and the second belt wheel, so that the second belt wheel is rotated with the first belt wheel.

4. The toy in accordance with claim 3, wherein the power box further  
10 includes a protective cover mounted on the housing to encompass the first belt wheel and the second belt wheel.

5. The toy in accordance with claim 1, wherein the power box further includes a support column secured in the housing, and the transverse rod has a second end mounted on the support column.

15 6. The toy in accordance with claim 1, wherein the power box further includes a gear secured on and rotated by the shaft and meshing with the first crown gear.

7. The toy in accordance with claim 6, wherein the power box further includes a spacer mounted on the shaft and located between the drive gear and  
20 the gear.

8. The toy in accordance with claim 1, wherein the power box further includes a first bearing mounted on the lower end of the upright shaft, and the

housing of the power box has a top having a lower side formed with a support stud having an upper end formed with a through hole for mounting the upright shaft, a mediate portion formed with a cavity for mounting the first bearing, and a lower end formed with a recess for mounting the first crown gear.

5           9. The toy in accordance with claim 1, wherein the housing of the power box has a top having an upper side formed with a semi-circular first neck and a semi-circular second neck combined with each other.

          10. The toy in accordance with claim 9, wherein the first neck of the power box has an inner wall formed with a rectangular locking cavity, and the  
10 suspension member has an outer wall having a lower end formed with a rectangular lug locked in the locking cavity of the first neck of the power box.

          11. The toy in accordance with claim 9, wherein the second neck of the power box has a thickness smaller than that of the first neck and has an inner wall having a top formed with a flange.

15           12. The toy in accordance with claim 1, wherein the power box further includes a second bearing mounted on the upper end of the upright shaft, and the suspension member has a bottom having an upper side formed with a support stud having a lower end formed with a through hole for mounting the upright shaft, a mediate portion formed with a cavity for mounting the second  
20 bearing, and an upper end formed with a recess for mounting the second crown gear.

13. The toy in accordance with claim 1, wherein the suspension member has an inside provided with a first axle on which the first driven gear is secured, a second axle on which the second driven gear is secured, a third axle on which the second stepped gear and the actuating gear are secured, and a  
5 fourth axle on which the third driven gear and the scrolling wheel are secured.

14. The toy in accordance with claim 13, wherein the inside of the suspension member is provided with a support rack for supporting the first axle, the second axle, the third axle and the fourth axle.

15. The toy in accordance with claim 13, wherein the gear set further  
10 includes a gear secured on the first axle and meshing with the second crown gear.

16. The toy in accordance with claim 15, wherein the gear set further includes a spacer mounted on the first axle and located between the first driven gear and the gear.

15 17. The toy in accordance with claim 1, further comprising a doll having a top mounted on the driving mechanism.

18. The toy in accordance with claim 1, wherein the suspension member has two sides each formed with a through hole for passage of the rope.

19. The toy in accordance with claim 1, wherein the peripheral wall  
20 of the scrolling wheel of the third driven gear is formed with an annular groove for receiving the rope.